

# OPERATING INSTRUCTIONS



## OPERATING INSTRUCTIONS

After Eight  
Perfect Ten  
Five Fifteen  
Perfect Ten MiniRig



Thank you for purchasing your Ashdown Engineering Amplifier. If you live in the UK, please register your purchase by completing this form and return it to the following address:

Ashdown Engineering, The Old Maltings, Hall Road, Heybridge, Maldon, Essex CM9 4NJ, England

(Alternatively you can register online at <http://www.ashdownmusic.com>)

If you live outside the UK, the local Ashdown distributor may have included a specific registration form for your country.

**Your Ashdown Engineering product details:**

Model .....  
Colour .....  
Voltage .....  
Tested by .....  
Serial number .....  
Date .....

**1 YEAR WARRANTY**

Your Ashdown Engineering amplifier has been manufactured to the highest standards, using the best-selected materials. To ensure its optimum performance, please ensure your amplifier is regularly serviced. This product carries a one year warranty, against defects in materials and workmanship, for the original purchaser. Ashdown Engineering will, at their discretion, replace or repair any product or part thereof, which is found by Ashdown Engineering to be defective. This warranty shall not apply to the damage of covering, fittings or finishes when affected by carelessness, accident or extreme climate changes. Nor does it apply to normal wear and tear of parts such as valves, fuses, light bulbs, speakers, controls etc.

Please complete the lower section of this warranty and return it within 10 days of purchase to Ashdown Engineering Ltd. at the above address. In the unlikely event of any defect, please contact an authorised Ashdown Engineering dealer. All transport charges are to be pre-paid by the Owner. Unless the registration card is returned normal country warranty laws apply.

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**IMPORTANT - REGISTRATION CARD**

**Please complete and return this warranty within 10 days of purchase. Include any comments if possible.**

Name ..... Purchased from .....  
Address ..... Date .....  
..... Model .....  
..... Serial Number .....  
.....  
Email .....  
Age .....  
Comments .....  
.....  
.....  
.....

# Important Safety Instructions

## BASIC PRECAUTIONS

WARNING - When using electrical products, basic precautions should be followed, including the following:

1. Read all the instructions before using the product.
2. Do not use this product near water – for example, near a bathtub, washbowl, kitchen sink, in a wet basement or near a swimming pool.
3. This product may cause permanent hearing loss. Do not operate for long periods of time at a high volume level or at any level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
4. Make sure nothing interferes with the ventilation of the product when in use.
5. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
6. The product should be connected to a power supply of the type described in the operating instructions or as marked on the product.
7. The power supply cord of the product should be unplugged from the outlet when left unused for a long period of time.
8. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
9. The product should be serviced by qualified personnel when:
  - a. The power supply cord or the plug has been damaged; or
  - b. Objects have fallen, or liquid has been spilled into the product: or
  - c. The product has been exposed to rain or moisture: or
  - d. The product does not appear to operate normally or exhibits marked change in performance: or
  - e. The product has been dropped, or the enclosure damaged.

10. Do not attempt to service the product. All servicing should be referred to qualified service personnel.

11. For continued protection against the risk of fire, replace fuses only with those of the same type and rating as indicated on the back of the product.

## WARNINGS USED ON THE EQUIPMENT

**WARNING** TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

**WARNING - ATTENTION**  
THIS APPARATUS MUST BE EARTHED FOR CONTINUED PROTECTION AGAINST RISK OF FIRE. REPLACE ONLY WITH SAME TYPE AND RATING OF FUSE. UTILISER UN FUSIBLE DE REMPLACEMENT DE MEME TYPE ET CALIBRE.



The lightning flash with the arrow head symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated 'dangerous voltage' within this product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying this product.

## GROUNDING INSTRUCTIONS

This product must be grounded (earthed). If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a supply cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with the local codes and ordinances.

DANGER - Improper connection of the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product – if it will not fit the outlet, have a suitable outlet fitted.

The wires in this mains cord are coloured in accordance with the following code:

**Green & Yellow - Earth**  
**Blue - Neutral**  
**Brown - Live**

## CE MARK FOR EUROPEAN HARMONISED STANDARDS

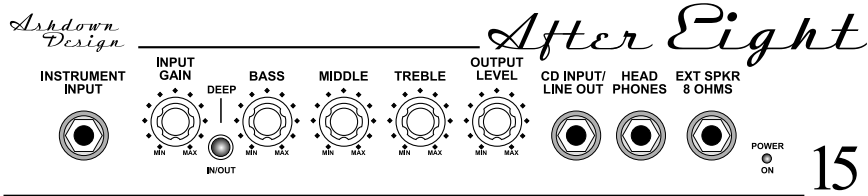


The CE mark which is attached to these products means it conforms to EMC Directive (89/69/EEC), CE mark Directive (93/68/EEC) and Low Voltage Directive (72/23/EEC).

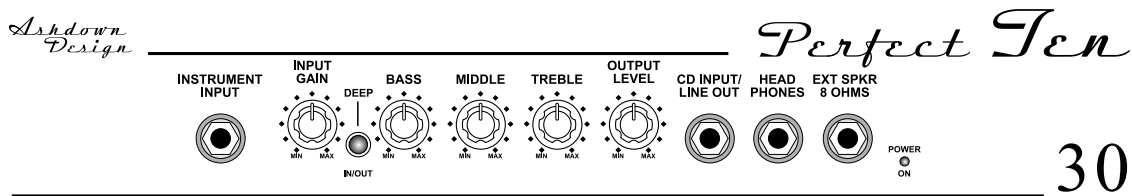


# Front Panel Diagrams

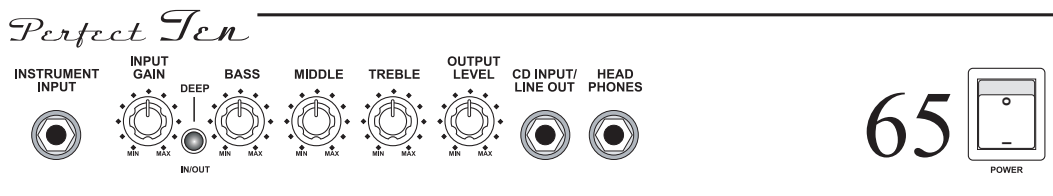
AFTER EIGHT, PERFECT TEN, PERFECT TEN MINIRIG, FIVE FIFTEEN



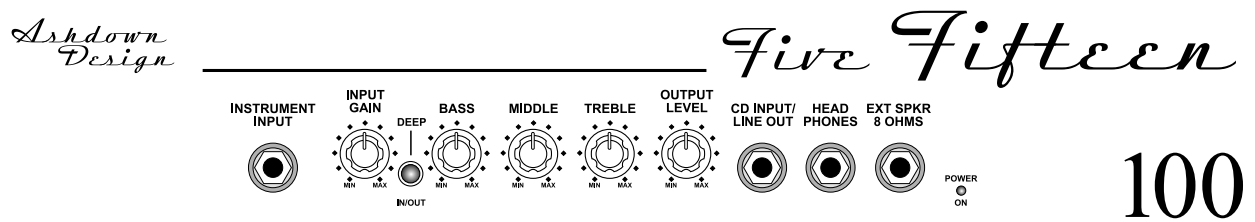
After Eight



Perfect Ten



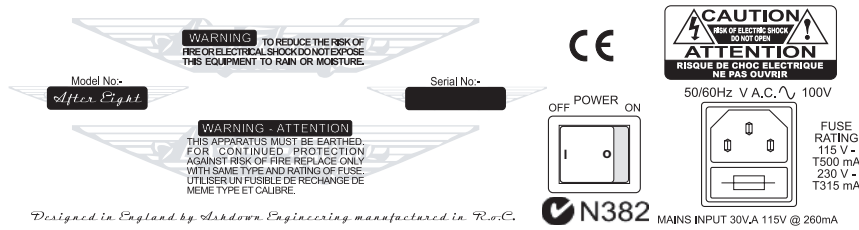
Perfect Ten MiniRig



Five Fifteen

# Rear Panel Diagrams

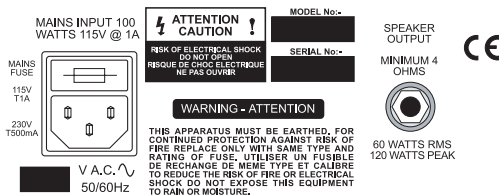
## AFTER EIGHT, PERFECT TEN, PERFECT TEN MINIRIG, FIVE FIFTEEN



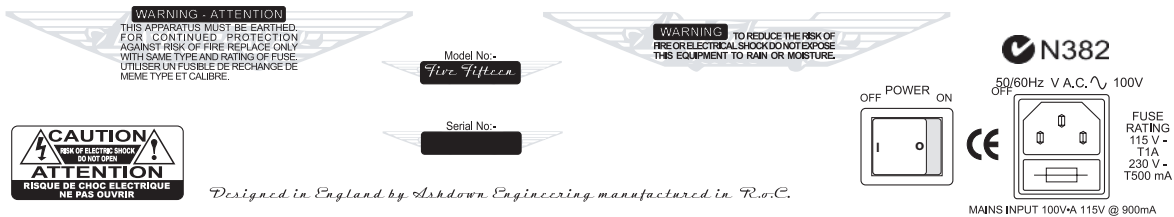
### After Eight



### Perfect Ten



### Perfect Ten MiniRig



### Five Fifteen

# Operating Instructions

## FRONT PANEL

**INPUT** – A single input jack socket is provided for your instrument. This is a high impedance input designed to perfectly match the impedance of the pick-ups on a passive bass. It also has sufficient headroom available to allow active basses to be used. Use the Input Gain control to adjust for the sensitivity of your instrument.

**EQ (After Eight & Perfect Ten)** – This passive EQ has Bass, Middle and Treble tone controls as well as a Deep push switch. The Deep switch increases the low bass boost as well as reducing the degree of Mid frequencies in the signal to provide an alternative tonal character.

**EQ (Perfect Ten MiniRig & Five Fifteen)** – This EQ uses active Bass, Middle and Treble tone controls for a wider variation in tonal character. The Shape switch introduces a pre-set EQ that boosts both low and high frequencies as well as providing a mid cut, this gives an instant powerful and aggressive bass character that is perfect for many bass playing styles.

**OUTPUT LEVEL** – Use the Output Level control to adjust the playing volume of the amplifier.

**HEADPHONES** – A Headphone jack socket is provided to allow stereo headphones to be plugged into the amplifier for silent practice. This cuts out the main speaker when a jack plug is inserted.

**EXTERNAL SPEAKER** – An External Speaker socket is provided to allow you to use an external speaker cabinet if required. This cuts out the main speaker when a jack plug is inserted. The external speaker must be a minimum impedance of 8 Ohms for the After Eight and Perfect Ten but can be 4 Ohms for the MiniRig and Five Fifteen.

## REAR PANEL

**FUSED MAINS INLET SOCKET** – This is for connection of the unit to your countries mains power supply. Please ensure that the type and rating of mains fuse marked on the rear panel is used when this is replaced.

**POWER SWITCH** – The power to the unit is turned on with the rear panel power switch. A power LED on the front panel will light to indicate that the amplifier is switched on.

## SPECIFICATIONS

### AFTER EIGHT

Output Power . . . .15 Watts RMS into 8 Ohms  
Input Impedance . . . . .1 Meg Ohm  
Input Signal Range . . . . .100mV to 10v

EQ  
Passive Bass, Middle & Treble  
Deep Switch  
Bass boost & Mid cut

### PERFECT TEN COMBO

Output Power . . . .30 Watts RMS into 8 Ohms  
Input Impedance . . . . .1 Meg Ohm  
Input Signal Range . . . . .100mV to 10v

EQ  
Passive Bass, Middle & Treble  
Deep Switch  
Bass boost & Mid cut

### PERFECT TEN MINIRIG

Output Power . . . .60 Watts RMS into 4 Ohms  
Input Impedance . . . . .1 Meg Ohm  
Input Signal Range . . . . .100mV to 10v

EQ  
Active Bass, Middle & Treble  
Shape Switch  
Bass boost, Mid cut & Treble boost

### FIVE FIFTEEN

Output Power . . .100 Watts RMS into 4 Ohms  
Input Impedance . . . . .1 Meg Ohm  
Input Signal Range . . . . .100mV to 10v

EQ  
Active Bass, Middle & Treble  
Shape Switch  
Bass boost, Mid cut & Treble boost



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